Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032019\
Data File : VX008256.D
Acq On : 20 Mar 2019 21:03
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
3/22/2019 2:46:20 PM

Quant Time: Mar 22 07:36:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	423202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195728	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.22%			
35) Dibromofluoromethane	5.50	113	150139	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.92%			
50) Toluene-d8	8.71	98	568296	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.78%			
62) 4-Bromofluorobenzene	11.13	95	202136	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	171986	49.783	ug/l	99
3) Chloromethane	1.33	50	193567	44.652	ug/l	97
4) Vinyl Chloride	1.41	62	201470	46.614	ug/l	98
5) Bromomethane	1.64	94	174238	47.325	ug/l	99
6) Chloroethane	1.72	64	178760	65.964	ug/l	95
7) Trichlorofluoromethane	1.93	101	253636	45.983	ug/l	98
8) Diethyl Ether	2.19	74	143633	50.612	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	178663	48.785	ug/l	91
10) Methyl Iodide	2.51	142	249585	53.524	ug/l	97
11) Tert butyl alcohol	3.05	59	229253	249.534	ug/l	99
12) 1,1-Dichloroethene	2.37	96	173529	50.190	ug/l	92
13) Acrolein	2.30	56	75383	110.709	ug/l	99
14) Allyl chloride	2.73	41	379569	50.432	ug/l	93
15) Acrylonitrile	3.14	53	612649	252.115	ug/l	99
16) Acetone	2.45	43	539004	221.444	ug/l	96
17) Carbon Disulfide	2.57	76	529479	46.958	ug/l	100
18) Methyl Acetate	2.78	43	303964	53.942	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	642150	51.367	ug/l	98
20) Methylene Chloride	2.86	84	201445	49.632	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	184682	49.445	ug/l	93
22) Diisopropyl ether	3.86	45	762542	51.731	ug/l	92
23) Vinyl Acetate	3.82	43	3313069	262.155	ug/l	98
24) 1,1-Dichloroethane	3.70	63	381751	50.353	ug/l	98
25) 2-Butanone	4.67	43	897132	249.690	ug/l	97
26) 2,2-Dichloropropane	4.59	77	257332	45.057	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	214040	50.268	ug/l	92
28) Bromochloromethane	5.02	49	167283	49.139	ug/l	83
29) Tetrahydrofuran	5.13	42	591195	263.212	ug/l	97
30) Chloroform	5.21	83	362219	51.076	ug/l	100
31) Cyclohexane	5.58	56	358166	50.310	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	303125	51.383	ug/l	97
36) 1,1-Dichloropropene	5.81	75	275280	49.509	ug/l	96
37) Ethyl Acetate	4.84	43	343217	52.218	ug/l	97
38) Carbon Tetrachloride	5.79	117	253402	51.150	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	326678	48.823	ug/l		93
40) Benzene	6.15	78	838268	50.937	ug/l		99
41) Methacrylonitrile	5.04	41	194923	52.870	ug/l		96
42) 1,2-Dichloroethane	6.20	62	306306	50.808	ug/l		95
43) Isopropyl Acetate	6.45	43	548899	52.101	ug/l		97
44) Trichloroethene	7.21	130	198209	49.258	ug/l		91
45) 1,2-Dichloropropane	7.51	63	231582	50.268	ug/l		98
46) Dibromomethane	7.66	93	139255	49.924	ug/l		88
47) Bromodichloromethane	7.90	83	276805	52.071	ug/l		99
48) Methyl methacrylate	7.77	41	289842	51.741	ug/l		94
49) 1,4-Dioxane	7.74	88	99450	1006.044	ug/l		93
51) 4-Methyl-2-Pentanone	8.64	43	1774213	260.493	ug/l		97
52) Toluene	8.79	92	493980	50.596	ug/l		97
53) t-1,3-Dichloropropene	9.04	75	309247	46.553	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	340059	51.545	ug/l		92
55) 1,1,2-Trichloroethane	9.21	97	204580	51.862	ug/l		98
56) Ethyl methacrylate	9.18	69	339978	49.144	ug/l	#	92
57) 1,3-Dichloropropane	9.37	76	363140	52.039	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.31	63	769641	238.131	ug/l		94
59) 2-Hexanone	9.49	43	1333114	254.235	ug/l		96
60) Dibromochloromethane	9.58	129	203106	53.575	ug/l		98
61) 1,2-Dibromoethane	9.67	107	212223	51.524	ug/l		100
64) Tetrachloroethene	9.34	164	183851	48.153	ug/l		95
65) Chlorobenzene	10.13	112	520208	49.956	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	191564	52.762	ug/l		99
67) Ethyl Benzene	10.25	91	937197	51.072	ug/l		98
68) m/p-Xylenes	10.36	106	686990	101.915	ug/l		93
69) o-Xylene	10.69	106	338148	51.625	ug/l		95
70) Styrene	10.71	104	554859	52.124	ug/l		96
71) Bromoform	10.85	173	150267	48.122	ug/l	#	100
73) Isopropylbenzene	11.02	105	896306	50.627	ug/l		98
74) N-amyl acetate	10.90	43	473593	51.058	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315908	49.763	ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	272323m	48.747	ug/l		
77) Bromobenzene	11.26	156	213884	49.967	ug/l		86
78) n-propylbenzene	11.36	91	1046087	50.873	ug/l		96
79) 2-Chlorotoluene	11.42	91	616382	49.943	ug/l		95
80) 1,3,5-Trimethylbenzene	11.51	105	743350	50.823	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.07	75	97553	44.675	ug/l		93
82) 4-Chlorotoluene	11.51	91	712632	49.620	ug/l		95
83) tert-Butylbenzene	11.77	119	713268	51.078	ug/l		94
84) 1,2,4-Trimethylbenzene	11.80	105	751513	50.682	ug/l		98
85) sec-Butylbenzene	11.94	105	884153	51.128	ug/l		97
86) p-Isopropyltoluene	12.06	119	758103	50.645	ug/l		97
87) 1,3-Dichlorobenzene	12.02	146	381338	49.849	ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	381706	48.239	ug/l		98
89) n-Butylbenzene	12.38	91	694503	49.433	ug/l		97
90) Hexachloroethane	12.60	117	133651	52.425	ug/l		84
91) 1,2-Dichlorobenzene	12.39	146	382795	49.628	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68305	48.443	ug/l		81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	249836	49.174	ug/l	99
94) Hexachlorobutadiene	13.78	225	123226	49.730	ug/l	100
95) Naphthalene	13.83	128	829479	51.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	250777	50.163	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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